

For example, in 1997-1998, 100% of the 100,000+ students in the United States who took the AP Calculus exam were male.

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1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 26

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1.  $\mathbb{R}^n$  is a vector space over  $\mathbb{R}$ .  
 2.  $\mathbb{R}^n$  is a normed space with the Euclidean norm.  
 3.  $\mathbb{R}^n$  is a metric space with the Euclidean metric.  
 4.  $\mathbb{R}^n$  is a topological space with the Euclidean topology.  
 5.  $\mathbb{R}^n$  is a complete metric space.  
 6.  $\mathbb{R}^n$  is a separable metric space.  
 7.  $\mathbb{R}^n$  is a second countable space.  
 8.  $\mathbb{R}^n$  is a Lindelöf space.  
 9.  $\mathbb{R}^n$  is a paracompact space.  
 10.  $\mathbb{R}^n$  is a normal space.  
 11.  $\mathbb{R}^n$  is a T<sub>4</sub> space.  
 12.  $\mathbb{R}^n$  is a T<sub>3</sub> space.  
 13.  $\mathbb{R}^n$  is a T<sub>2</sub> space.  
 14.  $\mathbb{R}^n$  is a T<sub>1</sub> space.  
 15.  $\mathbb{R}^n$  is a T<sub>0</sub> space.  
 16.  $\mathbb{R}^n$  is a Hausdorff space.  
 17.  $\mathbb{R}^n$  is a regular space.  
 18.  $\mathbb{R}^n$  is a completely regular space.  
 19.  $\mathbb{R}^n$  is a uniform space.  
 20.  $\mathbb{R}^n$  is a topological group.  
 21.  $\mathbb{R}^n$  is a topological vector space.  
 22.  $\mathbb{R}^n$  is a locally convex space.  
 23.  $\mathbb{R}^n$  is a Fréchet space.  
 24.  $\mathbb{R}^n$  is a Banach space.  
 25.  $\mathbb{R}^n$  is a Hilbert space.  
 26.  $\mathbb{R}^n$  is a separable Hilbert space.  
 27.  $\mathbb{R}^n$  is a reflexive space.  
 28.  $\mathbb{R}^n$  is a dual space.  
 29.  $\mathbb{R}^n$  is a separable dual space.  
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 106.  $\mathbb{R}^n$  is a weakly weakly weakly Hausdorff space.  
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 126.  $\mathbb{R}^n$  is a weakly weakly weakly weakly first countable space.  
 127.  $\mathbb{R}^n$  is a weakly weakly weakly weakly second countable space.  
 128.  $\mathbb{R}^n$  is a weakly weakly weakly weakly Lindelöf space.  
 129.  $\$

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our results predicted by chance to have a equal to the score; the result being printed, 1/25 of the total score distribution.

## SUMMARY

| LINE | ITEM              | DESCRIPTION        |
|------|-------------------|--------------------|
| 4    | US-08-916-57-B-1  | Sequence 2, Appli  |
| 4    | US-09-247-15-B-1  | Sequence 106, Appl |
| 4    | US-08-916-57-B-2  | Sequence 8, Appli  |
| 4    | US-09-247-15-B-4  | Sequence 174, Appl |
| 4    | US-08-916-57-B-5  | Sequence 6, Appli  |
| 4    | US-08-916-57-B-6  | Sequence 7, Appli  |
| 4    | US-08-916-57-B-7  | Sequence 4, Appli  |
| 4    | US-08-884-68-B-1  | Sequence 5, Appli  |
| 4    | US-09-258-64-B-5  | Sequence 5, Appli  |
| 4    | US-08-560-09-B-1  | Sequence 7, Appli  |
| 4    | US-09-413-54-B-1  | Sequence 7, Appli  |
| 4    | US-09-534-83-B-1  | Sequence 5, Appli  |
| 5    | per-US92-054-14   | Sequence 4, Appli  |
| 4    | US-09-013-88-B-1  | Sequence 5, Appli  |
| 4    | US-08-313-19-B-5  | Sequence 53, Appl  |
| 4    | US-08-459-49-B-1  | Sequence 17, Appl  |
| 4    | US-08-082-613-B-1 | Sequence 53, Appl  |
| 4    | US-08-021-83-B-1  | Sequence 52, Appl  |
| 4    | US-09-053-17-B-1  | Sequence 8, Appli  |
| 4    | US-09-047-96-B-1  | Sequence 8, Appli  |
| 4    | US-08-652-26-B-2  | Sequence 22, Appl  |
| 4    | US-08-934-47-B-2  | Sequence 22, Appl  |
| 4    | US-09-503-443-B-1 | Sequence 22, Appl  |
| 4    | US-08-021-60-B-1  | Sequence 2, Appli  |
| 4    | US-08-022-94-B-1  | Sequence 2, Appli  |
| 4    | US-08-047-14-B-1  | Sequence 2, Appli  |
| 4    | US-08-050-94-B-1  | Sequence 11, Appl  |

|    |      |     |      |   |                  |                   |
|----|------|-----|------|---|------------------|-------------------|
| 28 | 67.5 | 7.5 | 273  | 4 | US-08-245-186-10 | Sequence 18, Appl |
| 29 | 66.5 | 7.4 | 162  | 2 | US-08-245-186-11 | Sequence 17, Appl |
| 30 | 66.5 | 7.4 | 447  | 2 | US-08-245-186-12 | Sequence 16, Appl |
| 31 | 66.5 | 7.4 | 493  | 2 | US-08-245-186-13 | Sequence 15, Appl |
| 32 | 66.5 | 7.4 | 494  | 2 | US-08-245-186-14 | Sequence 14, Appl |
| 33 | 66.5 | 7.4 | 552  | 3 | US-08-245-186-15 | Sequence 13, Appl |
| 34 | 66.5 | 7.4 | 573  | 3 | US-08-245-186-16 | Sequence 12, Appl |
| 35 | 66.5 | 7.4 | 1068 | 4 | US-08-245-186-17 | Sequence 11, Appl |
| 36 | 66.5 | 7.4 | 1069 | 4 | US-08-245-186-18 | Sequence 10, Appl |
| 37 | 66.5 | 7.4 | 2556 | 1 | US-08-245-186-19 | Sequence 9, Appl  |
| 38 | 66   | 7.3 | 5115 | 1 | US-08-245-186-20 | Sequence 8, Appl  |
| 39 | 66   | 7.3 | 116  | 2 | US-08-245-186-21 | Sequence 7, Appl  |
| 40 | 66   | 7.3 | 2873 | 1 | US-08-245-186-22 | Sequence 6, Appl  |
| 41 | 66   | 7.3 | 2873 | 1 | US-08-245-186-23 | Sequence 5, Appl  |
| 42 | 66   | 7.3 | 2874 | 2 | US-08-245-186-24 | Sequence 4, Appl  |
| 43 | 66   | 7.3 | 2874 | 2 | US-08-245-186-25 | Sequence 3, Appl  |
| 44 | 66   | 7.3 | 2874 | 2 | US-08-245-186-26 | Sequence 2, Appl  |
| 45 | 66   | 7.3 | 2874 | 2 | US-08-245-186-27 | Sequence 1, Appl  |

## APPENDIX

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Matches 175: *Chrysomelidae*. Massey, 1969. *Chrysomelidae*.







[illegible]


 NATIONAL BUREAU OF STANDARDS  
 U.S. DEPARTMENT OF COMMERCE  
 100 BUREAU DRIVE  
 GAITHERSBURG, MARYLAND 20899  
 (301) 975-3000

10. 00012:25 : 54 nodes, 10000000. 10. 12 Seconds  
(with 1000 elements)  
2000042. Million cell updates/sec

..... 866

1. *Introduction*  
 2. *Methodology*  
 3. *Results*  
 4. *Discussion*  
 5. *Conclusion*  
 6. *References*  
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 217. *Figure 208*

[illegible][illegible]

Figure 1. Schematic diagram of the experimental setup.

| Year | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 |      |

of results predicted to derive to have a significant effect on the score of the results being printed. The total score,  $\text{score}_{\text{total}}$ , is given by:

17  
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| 2     | 02-08-916-576B | Sequence 61, Appl  |
| 3     | 02-08-916-576B | Sequence 145, Appl |
| 4     | 02-08-916-576B | Sequence 78, Appl  |
| 5     | 02-08-916-576B | Sequence 78, Appl  |
| 6     | 02-08-916-576B | Sequence 32, Appl  |
| 7     | 02-08-916-576B | Sequence 35, Appl  |
| 8     | 02-08-916-576B | Sequence 9, Appl   |
| 9     | 02-08-916-576B | Sequence 10, Appl  |
| 10    | 02-08-916-576B | Sequence 5, Appl   |
| 11    | 02-08-916-576B | Sequence 209, Appl |
| 12    | 02-08-916-576B | Sequence 37, Appl  |
| 13    | 02-08-916-576B | Sequence 38, Appl  |
| 14    | 02-08-916-576B | Sequence 39, Appl  |
| 15    | 02-08-916-576B | Sequence 11, Appl  |
| 16    | 02-08-916-576B | Sequence 12, Appl  |
| 17    | 02-08-916-576B | Sequence 13, Appl  |
| 18    | 02-08-916-576B | Sequence 14, Appl  |
| 19    | 02-08-916-576B | Sequence 15, Appl  |
| 20    | 02-08-916-576B | Sequence 3, Appl   |
| 21    | 02-08-916-576B | Sequence 40, Appl  |
| 22    | 02-08-916-576B | Sequence 41, Appl  |
| 23    | 02-08-916-576B | Sequence 1, Appl   |
| 24    | 02-08-916-576B | Sequence 1, Appl   |

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| 43 | 32.6 | 4.1 | 191.24 | 17 | 125-08-487-8261-38 | Sequence 27, Appl |
| 44 | 32.4 | 4.1 | 191.24 | 18 | 125-08-487-8261-38 | Sequence 28, Appl |
| 45 | 32.2 | 4.1 | 191.24 | 19 | 125-08-487-8261-38 | Sequence 29, Appl |

## REFERENCES

RESULT 1  
 US-08-016-5765  
 Sequence 1, Application No. 08-016-5765  
 Patent No. 5,719,949  
 GENERAL INFORMATION:  
 APPLICANT: YU GUO LIANG  
 APPLICANT: LILIAN LAIBER  
 APPLICANT: EMMER REINHART  
 APPLICANT: EMMER REINHART  
 TITLE OF INVENTION: NOVEL BRUSH OF WITH VARIOUS  
 NUMBER OF SEQUENCES: 4  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: STEPHEN KESSLER, CONSULTING & P.O.  
 STREET: 110 NEW YORK AVENUE, SUITE 700  
 CITY: WASHINGTON  
 STATE: DC  
 COUNTRY: US  
 ZIP: 20005-5544  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: E-117 Disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: DOS/MS DOS  
 SOFTWARE: EMERILS Version 2.10, Version 2.10  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US-08-016-5765  
 FILING DATE:  
 CLASSIFICATION: G06F  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US-60/024,447  
 FILING DATE: 23 AUG-1998  
 ATTORNEY/AGENT INFORMATION:  
 NAME: STEFFE, EFFIG  
 REGISTRATION NUMBER: 66,668  
 REFERENCE/DOCKET NUMBER: 1488.0500001  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202) 371-2600  
 TELEFAX: (202) 371-2544  
 INFORMATION FOR SEQUENCE 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 976 base pairs  
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 STRANDEDNESS: double  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
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 LOCATION: 711-894  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 711-894

Sequence 31: Application US/ 247-155A  
Patent No. 6,022,222

GENERAL INFORMATION:  
APPLICANT: Thomas Milton Edwards, Joan Baptiste  
APPLICANT: Invention, America, Inc.  
APPLICANT: Invention, America, Inc.

FILE INFORMATION:  
FILE INVENTION: 6/24/99  
FILE PREFERENCE: 12/1/99

CURRENT APPLICATION NUMBER: 09/ 247,155A  
CURRENT FILING DATE: 10/24/99

EARLIER APPLICATION NUMBER: 09/074,121  
EARLIER FILING DATE: 10/24/99

EARLIER APPLICATION NUMBER: 09/061,563  
EARLIER FILING DATE: 10/24/99

EARLIER APPLICATION NUMBER: 09/066,116  
EARLIER FILING DATE: 10/24/99

EARLIER APPLICATION NUMBER: 09/069,273  
EARLIER FILING DATE: 10/24/99

NUMBER OF SEQ. IN NOS: 182  
SOFTWARE: Patent, Inc.

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Sequence 32: Application US/ 247-155A  
Patent No. 6,022,222

GENERAL INFORMATION:  
APPLICANT: Thomas Milton Edwards, Joan Baptiste  
APPLICANT: Invention, America, Inc.  
APPLICANT: Invention, America, Inc.

FILE INFORMATION:  
FILE INVENTION: 6/24/99  
FILE PREFERENCE: 12/1/99

CURRENT APPLICATION NUMBER: 09/ 247,155A  
CURRENT FILING DATE: 10/24/99

EARLIER APPLICATION NUMBER: 09/074,121  
EARLIER FILING DATE: 10/24/99

EARLIER APPLICATION NUMBER: 09/061,563  
EARLIER FILING DATE: 10/24/99

EARLIER APPLICATION NUMBER: 09/066,116  
EARLIER FILING DATE: 10/24/99

EARLIER APPLICATION NUMBER: 09/069,273  
EARLIER FILING DATE: 10/24/99

NUMBER OF SEQ. IN NOS: 182  
SOFTWARE: Patent, Inc.

SEQ. ID NO. 62  
LENGTH: 182

TYPE: DNA  
ORGANISM: Homo sapiens

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